



Attachment A

1. A hub for a bicycle having a hub body, rim support, and an automatic fluid transmission;
  - a. a cylindrical outer shell having a sprocket as a rational power input means for said bicycle and having flanges for sealing, and having bearings, slip fit to allow servicing otherwise press-fit, within seats to support said transmission at each end of said cylindrical outer shell;
  - b. a stator having means for varying drag as input power varies and further having means for regulating or dampening said drag variation;
  - c. an inner shell having said stator affixed centrally between said flanges of said outer shell and said stator,
  - d. a sealing means for sealing the area between the stator, outer and inner shell, that once assembled will create a fluid chamber;
  - e. a fluid filling means for filling the fluid in the fluid chamber, wherein said fluid chamber is filled with appropriate fluid having power transfer ability,
  - f. said transmission operatively attached to a freewheel body via said hub body.
2. A bicycle hub of claim 1, wherein said freewheel body is integrally formed to said inner shell and attached to said hub body.
3. A bicycle hub of claim 1, wherein said freewheel body is internal to said hub body and acting as outer shell so as to apply power using fluid to transfer power to said hub body.

Attachment A

4. A bicycle hub of claim 1, wherein the inner shell receives power input from said outer shell.
5. A bicycl hub of claim 1, wherein the drag varying means for varying the drag input is attached to the power input means.